



Stantec

Stantec Consulting Services, Inc.
1901 Nelson Miller Parkway
Louisville, Kentucky 40223-2177
Tel: (502) 212-5000
Fax: (502) 212-5055

July 1, 2008
File: LV2008008

Kentucky Office of the 911 Coordinator/CMRS Board
200 Mero Street
Frankfort, KY 40622

Attention: Mr. Ken Mitchell

Dear Mr. Mitchell:

**Reference: CMRS Geospatial Audit
Oldham County Dispatch
1020 Dispatchers Way
LaGrange, KY 40031**

The Geospatial Audit of Oldham County Dispatch located in Oldham County was conducted on 6/3/2008. Oldham County Dispatch provides wireless 9-1-1 service for Oldham County.

PSAP MAPPING SUMMARY

Information on the mapping solution employed by the PSAP was collected as part of the audit process, which includes the type of software and system, the vendor, the version and the layers being used at the time of the audit. In addition, this summary may include notes and observations taken while conducting the audit. 202 KAR 6:100 requires that the mapping solution display the nearest address to an x,y point. The software used by Oldham County Dispatch meets this requirement.

FIELD DATA TESTING

In accordance to the requirements of the Geospatial Audit, 20 random points for jurisdiction of the PSAP or for each county served by the PSAP were tested by collecting field GPS information and address information and comparing the results of plotting the two elements with the 9-1-1 solution employed by the PSAP. The result of this portion of the audit is that 75% of the points tested met the criteria of the Audit. Passing criteria is that 90% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 4.

WIRELESS 9-1-1 FUNCTION

In accordance to the requirements of the Geospatial Audit, 20 wireless 9-1-1 calls were documented for data, software, and mapping function. The result of this portion of the audit is that 95% of the calls documented met the criteria of the Audit. Passing criteria is that 66% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 3.

Stantec

July 1, 2008
Mr. Ken Mitchell
Page 2 of 2

Reference: CMRS Geospatial Audit

CONCLUSION

Mapping Component	<u>Meets audit criteria</u>
Field Data Component	<u>Does not meet audit criteria with</u> 75% of points tested meeting criteria
Wireless Data Component	<u>Meets audit criteria with</u> 95% of calls tested meeting criteria

Based on the results of the audit, Oldham County Dispatch does not meet the standards set by legislation and administrative regulation.

The detailed documentation of the audit with observations and recommendations is attached. The documentation is separated into a report of the software and data used by the PSAP with observations and recommendations; Field Data Report; and Wireless Data Report. Please note that supporting printouts and printed maps are included in the electronic copy of this report.

Sincerely,

Stantec Consulting Services Inc.

James B. Morse
GIS Project Manager
Tel: (502) 212-5044
Fax: (502) 212-5055
James.morse@stantec.com

Attachment: Report Details

c. Files

j:\2008proj\lv2008008_cmrs\merged summary letter.doc

PSAP Mapping Component Summary

PSAP Name Oldham County Dispatch

Address 1020 Dispatchers Way

Audit Date 6/3/2008

City LaGrange

Audit Personnel MCCORMICKS

Contact KEVIN NUSS

Contact Title Director

Software	Version	Vendor
POSITRON POWER MAP		ATT

Mapping Layers Used

Road Centerlines: ☒

Point Addresses: ☒

Ortho Photography: ☐

Other Layers: ☒ Type of 'other' layers used by PSAP:

PD, FD, EMS RESPONSE AREAS; RAILROAD;
BUILDING FOOT PRINTS; DRIVEWAYS; PARCELS,
HYDRANTS; ROAD CENTERLINES FOR TRIMBLE,
HENRY, SHELBY AND EASTERN JEFFERSON
COUNTIES

Notes and Observations:

The map data/information was obtained by Adam Reinhardt. The wireless calls were obtained by Tim Kehl

Observations and comments: (1) The County has a full time person responsible for mapping- Adam Reinhardt. (2) Planning and zoning supplies the information and data to Adam for his review and agreement before the update is installed in the he map by Adam. (3) The actual time required to get information from planning and zoning and then into the map is 3 to 6 months. (4) The PSAP employees would like to have had some advance notice of the audit - they were told that the PSAP had been notified of the audit a week in advance as well as having received a notice in writing in April.

The map was last up dated on 5/19/08. The map is updated on an as needed basis. The information is supplied by planning and zoning for Adam Reinhardt's review. Adam Reinhardt installs the information into the map.

The map is Power Map, the version is 3.01.91 and the vender is Positron. The map has 16 layers- Street, Point Address, Parcels, Hydrants, Structures, Driveways, Henry County Roads, Trimble County Roads, Shelby County Roads, City Limits, Fire Department Response Zones, ESN Areas, County Lines, Oldham County No Burn Area, Topography, Metro Streets.